

IDS - 03/20/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10723730
	Filing Date	2003-11-25
	First Named Inventor	Jean-Marie H. Larcheveque
	Art Unit	2173
	Examiner Name	
	Attorney Docket Number	MS1-1698US

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TD	1	20030051243	A1	2003-03-13	Lemmons, Thomas R., et al.	
TD	2	20030204814	A1	2003-10-30	ELO, SARA; et al.	
TD	3	20040205473	A1	2004-10-14	Fisher, Gwyn; et al.	

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TD	1	JP4225466	JP		1992-08-14	HITACHI LTD		<input type="checkbox"/>

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10723730
Filing Date		2003-11-25
First Named Inventor	Jean-Marie H. Larcheveque	
Art Unit	2173	
Examiner Name		
Attorney Docket Number	MS1-1698US	

TD	2	JP5314152	JP		1993-11-26	CANON KK		<input type="checkbox"/>
TD	3	JP6139241	JP		1994-05-20	SHARP KK		<input type="checkbox"/>
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TD	1	Ben-Natan, Provisional Application No. 60/203,081, filed 5/9/2000, entitled "Internet platform for creating and supporting communities"	<input type="checkbox"/>
TD	2	Kutay, Provisional Application No. 60/209,713 filed 6/05/2000, entitled, "Methods and systems for accessing, organizing presenting and viewing data"	<input type="checkbox"/>
TD	3	Microsoft Word 2000 (see Screen Shot "About Microsoft Word") Published 1983-1999 and Microsoft Excel 2000 (see Screen Shot "About Microsoft Excel") Published 1988-1999, Three pages	<input type="checkbox"/>
TD	4	Moore, Provisional Application No. 60/191,662 filed 3/23/2000, entitled "Collection-based presistent digital archives"	<input type="checkbox"/>

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STATEMENT BY APPLICANT****(Not for submission under 37 CFR 1.99)**

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Attorney Docket Number	MS1-1698US

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	Attorney Docket Number		MS1-1698US

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
TD	1	4723211		1988-02-02	Barker, et al.	
TD	2	5182709		1993-01-26	Makus	
TD	3	5396623		1995-03-07	McCall, et al.	
TD	4	5980199		1999-09-28	Brodsky, et al.	
TD	5	6018743		2000-01-25	Xu	
TD	6	6035309		2000-03-07	Dauerer, et al.	
TD	7	6449617		2002-09-10	Quinn, et al.	
TD	8	6735721		2004-05-11	Morrow, et al.	
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
TD	1	20030025732	A1	2003-02-06	Prichard, Scot D.	
TD	2	20050027757	A1	2005-02-03	Kllessig, Rick; et al.	

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FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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TD	1	Altova, Inc., "XML Spy 4.0 Manual," Altova Inc. & Altova GmbH, copyright 1998-2001, Chapters 1, 2, and 6, encompassing pages 1-17, 18-90, and 343-362.	<input type="checkbox"/>
TD	2	Cybook, INC.: "Copying the Search Form to Services-based Web Sites" Internet Article, (online) 26 July 2004. *the whole document*	<input type="checkbox"/>
TD	3	Excel Developer Tip (hereinafter "Excel"), "Determining the Data Type of a Cell", May 13, 1998, page 1 (available at http://jwalk.com/ss/excel/tips/tip62.htm).	<input type="checkbox"/>

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	Art Unit	2173	
	Examiner Name		
Attorney Docket Number		MS1-1698US	

TD	4	Macromedia, INC.: "Dreamweaver Technote, Changes in copying and pasting in Dreamweaver 4" Internet Article (online). *the whole document*	<input type="checkbox"/>
TD	5	Rado, Dave: "How to create a template that makes it easy for users to "fill in the blanks", without doing any programming" Microsoft Word MVP FAQ Site, (online) 30 April 2004, the whole document	<input type="checkbox"/>

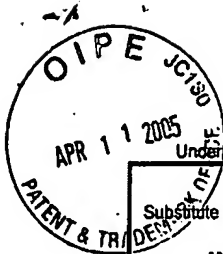
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Sheet 1 of 2

Complete If Known

Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Larcheveque
Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1-1698US

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[initials]		US- 6774926	08-10-2004	Ellis et al.	
		US- 6772139	08-03-2004	Smith, III	
		US- 6751777	06-15-2004	Bates et al.	
		US- 6748385	06-08-2004	Rodkin et al.	
		US- 6477544	11-05-2002	Bolosky et al.	
		US- 6434564	08-13-2002	Ebert	
		US- 6389434	05-14-2002	Rivette et al.	
		US- 6122647	09-19-2000	Horowitz et al.	
		US- 5991710	11-23-1999	Papineni et al.	
		US- 5806079	09-08-1998	Rivette et al.	
		US- 6581061	06-17-2003	Graham	
		US- 6343302	01-29-2002	Graham	
		US- 6563514	05-13-2003	Samar	
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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
TD	1	5179703		1993-01-12	Evans	
TD	2	5412772		1995-05-02	Monson	
TD	3	6342907		2002-01-29	Petty, et al.	
TD	4	6553402		2003-04-22	Makarios, ; et al.	
TD	5	6772165		2004-08-03	O'Carroll	
TD	6	6871220		2005-03-22	Rajan, ; et al.	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear

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	Art Unit	2173		
	Examiner Name			
	Attorney Docket Number	MS1-1698US		

TD	1	20020152244	A1	2002-10-17	Dean, Sara Elo; et al.	
TD	2	20020188613	A1	2002-12-12	Chakraborty, Krishneadu; et al.	
TD	3	20040205605	A1	2004-10-14	Adler, Sharon C.; et al.	
TD	4	20060020586	A1	2006-01-26	Prompt, Michel; et al.	
TD	5	20060031757	A9	2006-02-09	Vincent, Winchel Todd III	
TD	6	20060041838	A1	2006-02-23	Khan; Ayub S.	
TD	7	20060085409	A1	2006-04-20	Rys; Michael; et al.	

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Sheet 1 of 7

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Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Jean-Marie H. Larche
Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1 1698US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TD		US- 20010024195	9/27/2001	Hayakawa, Keisuke	
TD		US- 20010037345	11/1/2001	Kiernan, Gerald George; et al.	
TD		US- 20010056460	12/27/2001	Sahota, Ranjit; et al.	
TD		US- 20020026441	2/28/2002	Kutay, Ali; et al.	
TD		US- 20020026461	2/28/2002	Kutay, Ali; et al.	
TD		US- 20020040469	4/4/2002	Pramberger, Johann	
TD		US- 20020100027	7/25/2002	Binding, Carl; et al.	
TD		US- 20020112224	8/15/2002	Cox, David A.	
TD		US- 20020133484	9/19/2002	Chau, Hoang K.; et al.	
TD		US- 20020156772	10/24/2002	Chau, Hoang K.; et al.	
TD		US- 20020156929	10/24/2002	Hekmatpour, Amir	
TD		US- 20020169789	11/14/2002	Kutay, Ali; et al.	
TD		US- 20020184219	12/5/2002	Prelsfig, Reto; et al.	
TD		US- 20020196288	12/26/2002	Emrani, Ramin	
TD		US- 20020198891	12/26/2002	Li, Chung-Sheng; et al.	
TD		US- 20030014397	1/16/2003	Chau, Hoang K.; et al.	
TD		US- 20030037303	2/20/2003	Bodlaender, Maarten Peter; et	
TD		US- 20030043986	3/6/2003	Creamer, Thomas E.; et al.	
TD		US- 20030056198	3/20/2003	Al-Azzawe, Abdul Hamid; et al	

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TD		JP2000132436	5/12/2000	HITACHI LTD		
TD		JP2002183652	6/28/2002	NIPPON YUNISHISU KK		
TD		JP2003173288	6/20/2003	SHARP KK		
TD		JP401173140	7/7/1989	Fuji Electric Co LTD		
TD		JP406014105	1/21/1994	Fujitsu LTD		

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Sheet 2

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Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Jean-Marie H. Larche
Art Unit	2173
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Attorney Docket Number	MS1 1698US

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TD		US- 20030061386	3/27/2003	Brown, Frances C.;	
TD		US- 20030120671	6/26/2003	Kim, Hong J.; et al	
TD		US- 20030140132	7/24/2003	Champagne, Yves-Andr	
TD		US- 20030182268	9/25/2003	Lal, Amrish K.	
TD		US- 20030187930	10/2/2003	Ghaffar, Aamir; et	
TD		US- 20030189593	10/9/2003	Yarvin, Curtis G.	
TD		US- 20030204511	10/30/2003	Brundage, Michael L.	
TD		US- 20030205615	11/6/2003	Marappan, Kumar	
TD		US- 20030225768	12/4/2003	Chaudhuri, Surajit;	
TD		US- 20030225829	12/4/2003	Pena, Armando; et a	
TD		US- 20030237046	12/25/2003	Parker, Charles W.;	
TD		US- 20030237047	12/25/2003	Borson, Niklas	
TD		US- 20040002939	1/1/2004	Arora, Siddhartha Ci	
TD		US- 20040117769	6/17/2004	Lauzon, David Martin	
TD		US- 20040205571	10/14/2004	Adler, Sharon C.; e	
TD		US- 20050102370	5/12/2005	Lin, Yun; et al.	
TD		US- 20050198086	9/8/2005	Moore, Reagan W.; e	
TD		US- 4,847,749	7/11/1989	Collins, et al.	
TD		US- 5,218,672	6/8/1993	Morgan, et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	/Thanh-Ha Dang/	Date Considered	09/01/2006
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3

of 7

Complete if Known

Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Jean-Marie H. Larche
Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1 1698US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TD		US- 5,317,686	5/31/1994	Salas, et al.	
TD		US- 5,371,675	12/6/1994	Greif, et al.	
TD		US- 5,630,126	5/13/1997	Redpath	
TD		US- 5,669,005	9/16/1997	Curbow, et al.	
TD		US- 5,717,939	2/10/1998	Bricklin, et al.	
TD		US- 5,801,701	9/1/1998	Koppolu, et al.	
TD		US- 5,929,858	7/27/1999	Shibata, et al.	
TD		US- 5,956,481	9/21/1999	Walsh, et al.	
TD		US- 5,982,370	11/9/1999	Kamper	
TD		US- 5,995,103	11/30/1999	Ashe	
TD		US- 5862372	1/19/1999	Morris, et al.	
TD		US- 6,088,708	7/11/2000	Burch, et al.	
TD		US- 6,144,969	11/7/2000	Inokuchi, et al.	
TD		US- 6,192,367	2/20/2001	Hawley, et al.	
TD		US- 6,225,996	5/1/2001	Gibb, et al.	
TD		US- 6,356,906	3/12/2002	Lippert, et al.	
TD		US- 6,470,349	10/22/2002	Heninger, et al.	
TD		US- 6,476,828	11/5/2002	Burkett, et al.	
TD		US- 6,480,860	11/12/2002	Monday	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Thanh-Ha Dang/	Date Considered	09/01/2006
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STATEMENT BY APPLICANT**

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Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Jean-Marie H. Larche
Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1 1698US

Sheet 4

of 7

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TD		US- 6,487,566	11/26/2002	Sundaresan	
TD		US- 6,502,101	12/31/2002	Verprauskus, et al.	
TD		US- 6,549,878	4/15/2003	Lowry, et al.	
TD		US- 6,549,922	4/15/2003	Srivastava, et al.	
TD		US- 6,560,620	5/6/2003	Ching	
TD		US- 6,598,219	7/22/2003	Lau	
TD		US- 6,629,109	9/30/2003	Koshisaka	
TD		US- 6,631,379	10/7/2003	Cox	
TD		US- 6,631,497	10/7/2003	Jamshidi, et al.	
TD		US- 6,631,519	10/7/2003	Nicholson, et al.	
TD		US- 6,635,089	10/21/2003	Burkett, et al.	
TD		US- 6,636,845	10/21/2003	Chau, et al.	
TD		US- 6,643,633	11/4/2003	Chau, et al.	
TD		US- 6,654,737	11/25/2003	Nunez	
TD		US- 6,658,417	12/2/2003	Stakutis, et al.	
TD		US- 6,691,281	2/10/2004	Sorge, et al.	
TD		US- 6,760,723	7/6/2004	Oshinsky, et al.	
TD		US- 6,845,380	1/18/2005	Su, et al.	
TD		US- 6,848,078	1/25/2005	Birsan, et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ Number ⁵ Kind Code ⁶ (if known)				

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Jean-Marie H. Larche
Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1 1698US

Sheet 5 of 7

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TD		US- 6,874,130	3/29/2005	Baweja, et al.	
TD		US- 6,901,403	5/31/2005	Bata, et al.	
TD		US- 6,931,532	8/16/2005	Davis, et al.	
TD		US- 6,963,875	11/8/2005	Moore, et al.	
TD		US- 6,968,505	11/22/2005	Stoll, et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Thanh-Ha Dang/	Date Considered	09/01/2006
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		Application Number	10/723,730			
		Filing Date	11/25/2003			
		First Named Inventor	Jean-Marie H. Larche			
		Art Unit	2173			
		Examiner Name				
Sheet	6	of	7	Attorney Docket Number	MS1	1698US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TD		"Whitehill Composer" Whitehill Technologies Inc. 2 pages.	
TD		Laura Acklen & Read Gigen, "Using Corel Wordperfect 9", 251-284, 424-434, 583-586 (1998)	
TD		Bruce Halberg et al, "Using Microsoft Excel 97", Published 1997, Bestseller Edition, Pertinent Pages: 1-9, 18-25, 85-89, 98-101, 106-113, 124-127, 144-147, 190-201, 209-210, 218-227, 581-590, 632-633, 650-655, 712-714.	
TD		LEBLOND et al, "PC Magazine Guide to Quattro Pro for Windows", pp. 9-11, 42-61, Ziff-Davis Press, Copyright 1993 by the LeBlond Group.	
TD		Mansfield, "Excel 97 for Busy People", Published by Osborne/Mcgraw-Hill 1997 pages 48-50	
TD		"Microsoft Visual Basic 5.0 Programmer's Guide 1997"; pp.578-579; Redmond WA 98052-6399	
TD		Han et al., WebSplitter: A Unified XML Framework for Multi-Device Collaborative Web Browsing, 2000, ACM Conference on Computer Supported Cooperative Work, 10 pages	
TD		IBM: Stack Algorithm for Extractin Subtree from Serialized Tree, March 1, 1994, TDB-ACC-NONN94033, 3 pages	
TD		Altova et al. XML Spy, XML Integrated Development Environments, Altova Inc., 2002, pages 1-18.	
TD		Ixia Soft, "Streamlining content creation, retrieval, and publishing on the Web using TEXTML Server and SML Spy 4 Suite in an integrated, Web publishing environment," (Partner's Whitepaper, published on the Web as of June 6, 2002, downloaded pages 1-16.	

Examiner Signature	/Thanh-Ha Dang/	Date Considered	09/01/2006
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/723,730
Filing Date	11/25/2003
First Named Inventor	Jean-Marie H. Larche
Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1 1698US

Sheet 7 of 7

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TD		Altova, "User Reference Manual Version 4.4, XML Spy suite 4.4," Altova Ges.m.b.H & Altova, Inc., May 24, 2002, pages cover, Copyright page, 1-565.	

Examiner Signature	/Thanh-Ha Dang/	Date Considered	09/01/2006
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PAGE 4/4 * RCVD AT 1/7/2005 11:47:28 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/3 * DNS:8729305 * CSID:509 323 8979 * DURATION (mm-ss):01-40.

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				Application Number	10/723,730
				Filing Date	Nov 25, 2003
				First Named Inventor	Larcheveque
				Group Art Unit	2173
				Examiner Name	
Sheet	2	of	7	Attorney Docket Number	MS1-1698US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cita No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CS		5341478		Travis Jr. et al.	08/23/1994	
		5369766		Nakano et al.	11/29/1994	
		5369778		San Soucie et al.	11/29/1994	
		5377323		Vasudevan	12/27/1994	
		5381547		Flug et al.	01/10/1995	
		5408665		Fitzgerald	04/18/1995	
		5410688		Williams et al.	04/25/1995	
		5434975		Allen	07/18/1995	
		5440744		Jacobson et al.	08/08/1995	
		5446842		Schaeffere et al.	08/29/1995	
		5459865		Heninger et al.	10/17/1995	
		5481722		Skinner	01/02/1996	
		5504898		Klein	04/02/1996	
		5517655		Collins et al.	05/14/1996	
		5535389		Elder et al.	07/09/1996	
		5542070		LeBlanc et al.	07/30/1996	
		5550976		Henderson et al.	08/27/1996	
		5551035		Arnold et al.	08/27/1996	
		5572643		Judson	11/05/1996	
		5577252		Nelson et al.	11/19/1996	

[illegible]

Examiner Signature	<i>P. Tan</i>	Date Considered	09/01/06
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/723,730
				Filing Date	Nov 25, 2003
				First Named Inventor	Larcheveque
				Group Art Unit	2173
				Examiner Name	
Sheet	3	of	7	Attorney Docket Number	MS1-1698US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code‡ (if known)			
6		5581686		Koppolu et al.	12/03/1996	
		5581760		Atkinson et al.	12/03/1996	
		5608720		Biege et al.	03/04/1997	
		5634121		Tracz et al.	05/27/1997	
		5640544		Onodera et al.	06/17/1997	
		5659729		Nielsen	08/19/1997	
		5664178		Sinofsky	09/02/1997	
		5682536		Atkinson et al.	10/28/1997	
		5689703		Atkinson et al.	11/18/1997	
		5706501		Horikiri et al.	01/06/1998	
		5740439		Atkinson et al.	04/14/1998	
		5745683		Lee et al.	04/28/1998	
		5758184		Lucovsky et al.	05/26/1998	
		5758358		Ebbo	05/26/1998	
		5761683		Logan et al.	06/02/1998	
		5764984		Loucks	06/09/1998	
		5778372		Cordell et al.	07/07/1998	
		5784555		Stone	07/21/1998	
		5802304		Stone	09/01/1998	
10		5815830		Anthony	09/29/1998	

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Examiner Signature	<i>R. Day</i>	Date Considered	09/01/06
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				Filing Date	Nov 25, 2003
				First Named Inventor	Larcheveque
				Group Art Unit	2173
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Sheet	4	of	7	Attorney Docket Number	MS1-1698US

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		Number	Kind Code* (if known)			
td		5838906		Doyle et al.	11/17/1998	
		5842018		Atkinson et al.	11/24/1998	
		5854630		Nielsen	12/29/1998	
		5963964		Nielsen	10/05/1999	
		5987480		Donohue et al.	11/16/1999	
		6016520		Facq et al.	01/18/2000	
		6026379		Haller et al.	02/15/2000	
		6026416		Kanerva et al.	02/15/2000	
		6044205		Reed et al.	03/28/2000	
		6072870		Nguyen et al.	06/06/2000	
		6078326		Kilmer et al.	06/20/2000	
		6098081		Heldorn et al.	08/01/2000	
		6108637		Blumenau	08/22/2000	
		6163772		Kramer et al.	12/19/2000	
		6235027		Herzon	05/22/2001	
		6369840		Barnett et al.	04/09/2002	
		6421070		Ramos et al.	07/16/2002	
		6476833		Moshfeghi	11/05/2002	
		6493702		Adar et al.	12/10/2002	
td		6560640		Smethers	05/06/2003	

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Examiner Signature	<i>B. Dwyer</i>	Date Considered	09/01/06
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/723,730
				Filing Date	Nov 25, 2003
				First Named Inventor	Larcheveque
				Group Art Unit	2173
				Examiner Name	
Sheet	5	of	7	Attorney Docket Number	MS1-1698US

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Examiner Signature	T. 	Date Considered	07/01/06
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Application Number	10/723,730	Filing Date	Nov 25, 2003
First Named Inventor	Larcheveque	Group Art Unit	2173
Examiner Name		Attorney Docket Number	MS1-1698US
Sheet	6	of	7

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
[Signature]		"Store and Organize Related Project Files in a Binder," Getting Results with Microsoft Office, 1990, pages 109-112.	
		Barker et al., "Creating In-Line Objects Within An Integrated Editing Environment," IBM Technical Disclosure Bulletin, Vol. 27, No. 5, October 1984, page 2962.	
		Berg A., "Naming and Binding: Monikers" Inside OLE, 1995, Chapter 9, pages 431-490.	
		Clapp D., "The NeXT Application Kit Part I: Non-Responsive Classes," The NeXT Bible 1990, Chapter 16, pages 275-293.	
		DiLascla et al., "Sweeper" Microsoft Interactive Developer, Vol. 1, No. 1, 1996, 27 pages.	
		Herzner et al., "CDAM- Compound Document Access and Management. An Object-Oriented Approach" Multimedia Systems Interaction and Applications, 1992, Chapter 3, pages 17-36.	
		Kobayashi et al., "An Update on BTRON-specification OS Development" IEEE 1991 pages 132-140.	
		Peterson B., "Unix Variants," Unix Review, Vol. 10, No. 4, April 1992, pages 29-31.	
		Pike et al., "Plan 9 from Bell Labs" UKUUG, Summer 1990, 10 pages.	
		Pike et al., "The Use of Name Spaces in Plan 9," Operating Systems Review Vol. 27, No. 2, April 1993, pp. 72-76.	
[Signature]		Staneck W., "Internal and External Media" Electronic Publishing Unleashed, 1995, Chapter 22, pages 510-542.	

Examiner Signature 	Date Considered 07/01/06
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<div style="text-align: left; font-size: small;">Substitute for form 1449B/PTO</div> <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 0; font-size: x-small;">(use as many sheets as necessary)</p>		Complete If Known	
Sheet	7	of	7
		Application Number	10/723,730
		Filing Date	Nov 25, 2003
		First Named Inventor	Larcheveque
		Group Art Unit	2173
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		Attorney Docket Number	MS1-1698US

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td		Zdonik S., "Object Management System Concepts," ACM, 1984, pages 13-19.	
		Trupin J., "The Visual Programmer," Microsoft Systems Journal, April 1996, pages 103-105.	
		HWANG et al., "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79.	
		KAIYA et al., "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Mode"; International Symposium on Principles of Software Evolution; 2000; pp. 138-142.	
		PREVELAKIS et al., "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126.	
		SCHMID et al., "Protection Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208.	
td		TOMIMORI et al., "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops; 2002; pp. 777-782	

Examiner Signature T. Long	Date Considered 09/01/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Application Number	10/723,730
Filing Date	Nov 25, 2003
First Named Inventor	Larcheveque
Group Art Unit	2173
Examiner Name	
Attorney Docket Number	MS1-16981 US

U.S. PATENT DOCUMENT						
Examiner Initials*	Cite No. [†]	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code [§] (if known)			
td		6,275,227		DeStefano	08-14-2001	
		6,711,679		Guski et al.	03-23-2004	
		6,701,434		Rohatgi	03-02-2004	
		6,697,944		Jones et al.	02-24-2004	
		6,643,684		Malkin et al.	11-04-2003	
		6,609,200		Anderson et al.	08-19-2003	
		6,578,144		Gennaro et al.	06-10-2003	
		RE38,070		Spies et al.	04-08-2003	
		6,345,256		Milsted et al.	02-05-2002	
		6,311,271		Gennaro et al.	10-30-2001	
		6,292,897		Gennaro et al.	09-18-2001	
		6,275,599		Adler et al.	08-14-2001	
		6,263,313		Milsted et al.	07-17-2001	
		6,253,374		Drešević et al.	06-26-2001	
		6,108,783		Krawczyk et al.	08-22-2000	
td		6,094,657		Hallpern et al.	07-25-2000	
		6,081,610		Dwork et al.	06-27-2000	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/723,730
		Filing Date	Nov 25, 2003
		First Named Inventor	Larcheveque
		Group Art Unit	2173
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	MS1-1698US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
td		CLARKE, P., "From small beginnings," Knowledge Management, November 2001, pp. 28-30.	
		Description of Whitehill Composer software product, produced by Whitehill Technologies, Inc., available at <http://www.xml.com/pub/p/221>, accessed on April 8, 2004, two pages.	
		SUN, Q., et al., "A Robust and Secure Media Signature Scheme for JPEG Images," Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing, December 2002, pp. 296-299.	
		KOMATSU, N., et al., "A Proposal on Digital Watermark in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part I: Communications, vol. 73, no. 5, May 1990, pp. 22-33.	
		NOORE, A., "A Secure Conditional Access System using Digital Signature and Encryption," International Conference on Consumer Electronics, June 2003, pp. 220-221.	
td		PACHECO, X., et al., "Delphi 5 Developer's Guide," Sams Publishing 1999, Section: Data Streaming, 6 pages.	

Examiner Signature	T. Day	Date Considered	09/01/06
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TD		CLARK, James, Ed.; "XSL Transformation (XSLT) Version 1.0", November 16, 1999, W3C (MIT, INRIA, Keio), pp. 1-156.	
TD		CLARK, James and Steve Derosé, "XML Path Language (XPath) Version 1.0", November 16, 1999, W3C (MIT, INRIA, Keio), pp. 1-49.	
TD		MUSGRAVE, S., "Networking technology - impact and opportunities", Survey and Statistical Computing 1996. Proceedings of the Second ASC International Conference. September 1996. pp. 369-78. London, UK.	
TD		RAPAPORT, L., "Get more from SharePoint", Transform Magazine, vol. 11, no. 3, March 2002, pp. 13, 15.	
TD		MCCRIGHT, J.S., "New Tool Kit to Link Groove with Microsoft SharePoint", eWeek, Enterprise News & Reviews, Ziff Davis Media Inc., July 29, 2002, 1 page.	
TD		Provisional Application No. 60/209,713, filed 06-05-2000.	

Examiner Signature	/Thanh-Ha Dang/	Date Considered	09/01/2006
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(use as many sheets as necessary)				Filing Date	Nov 25, 2003
				First Named Inventor	Larcheveque
				Group Art Unit	
				Examiner Name	
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U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
td		5,845,077		Fawcett	12/01/1998	
		4,910,663		Bailey	03/20/1990	
		5,826,265		Van Huben et al.	10/20/1998	
		6,604,099		Chung et al.	08/05/2003	
		6,381,742		Forbes et al.	04/30/2002	
		5,742,504		Meyer et al.	04/21/1998	
		6,611,840		Baer et al.	08/26/2003	
		5,436,637		Gayraud et al.	07/25/1995	
		6,505,230		Mohan et al.	01/07/2003	
		6,357,038		Scouten	03/12/2002	
		6,054,987		Richardson	04/25/2000	
		5,798,757		Smith	08/25/1998	
		5,602,996		Powers, III et al.	02/11/1997	
		5,195,183		Miller et al.	03/16/1993	
		5,950,010		Hesse et al.	09/07/1999	
		5,721,824		Taylor	02/24/1998	
		6,615,276		Mastrianni et al.	09/02/2003	
		6,219,698		Iannucci et al.	04/17/2001	
td		4,641,274		Swank	02/03/1987	
		6,282,711		Halpern et al.	08/28/2001	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
td			WO 99/56207		INTERVU, INC.	11/04/1999		
			EP 0 841 615 A2		INT COMPUTERS LTD	05/13/1998		
			WO 99/24945		KONINKLIJKE PHILIPS	05/20/1999		
			EP 1 076 290 A2		SUN MICROSYSTEMS	02/14/2001		
			WO 01/44934 A1		SUN MICROSYSTEMS	06/21/2001		
td			EP 0 961 197		HEWLETT PACKARD	12/01/1999		

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HA		6,199,204		Donohue	03-06-2001	
		6,253,366		Mutschler, III	06-26-2001	
		6,327,628		Anuff et al.	12-04-2001	
		6,381,743		Mutschler, III	04-30-2002	
		5,940,075		Mutschler, III et al.	08-17-1999	
		6,151,624		Teare et al.	11-21-2000	
		6,353,926		Parthasarathy et al.	03-05-2002	
		6,393,456		Ambler et al.	05-21-2002	
		6,408,311		Baisley et al.	06-18-2002	
		6,446,110		Lecton et al.	09-03-2002	
		6,519,617		Wanderski et al.	02-11-2003	
		5,864,819		De Armas et al.	01-26-1999	
		5,572,648		Bibayan	11-05-1996	
		6,297,819		Furst	10-02-2001	
		5,907,704		Gudmundson et al.	05-25-1999	
		6,091,417		Lefkowitz	07-18-2000	
		6,396,488		Simmons et al.	05-28-2002	
		5,764,985		Smale	06-09-1998	
		6,421,656		Cheng et al.	07-16-2002	
		6,349,408		Smith	02-19-2002	

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T		5,859,973		Carpenter et al.	01/12/1999	
		5,313,631		Kao	05/17/1994	
		5,390,325		Miller	02/14/1995	
		5,845,090		Collins, III et al.	12/01/1998	
		5,999,740		Rowley	12/07/1999	
		5,761,408		Kolawa et al.	06/02/1998	
		5,835,777		Staelin	11/10/1998	
		5,627,979		Chang et al.	05/06/1997	
		5,915,112		Boutcher	06/22/1999	
		6,084,585		Kraft et al.	07/04/2000	
		6,209,128		Gerard et al.	03/27/2001	
		6,425,125		Fries et al.	07/23/2002	
		6,507,856		Chen et al.	01/14/2003	
		6,516,322		Meredith	02/04/2003	
		6,549,221		Brown et al.	04/15/2003	
J		6,571,253		Thompson et al.	05/27/2003	
		6,014,135		Fernandes	01/11/2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Type ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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Application Number	10/723,730
Filing Date	Nov 25, 2003
First Named Inventor	Larcheveque
Group Art Unit	
Examiner Name	

Sheet	4	of	7	Attorney Docket Number	MS1-1698US
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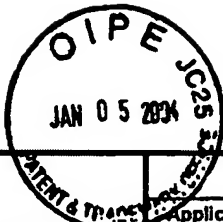
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		Filing Date	Nov 25, 2003
		First Named Inventor	Larcheveque
		Group Art Unit	
		Examiner Name	
Sheet 5 of 7	Attorney Docket Number	MS1-1698US	

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ts		VARLAMIS et al., "Bridging XML-Schema and relational databases. A system for generating and manipulating relational databases using valid XML documents," DocEng '01, Nov. 9-10, 2001, Copyright 2001, ACM 1-58113-432-0/01/0011, pages 105-114.	
		HARDY et al., "Mapping and Displaying Structural Transformations between XML and PDF," DocEng '02, Nov. 8-9, 2002, Copyright 2002, ACM 1-58113-594-7/02/0011, pages 95-102.	
		CHIEN et al., "XML Document Versioning," SIGMOD Record, Vol. 30, No. 3, Sept. 2001, pages 46-53.	
		WONG et al., "Managing and Querying Multi-Version XML Data with Update Logging," DocEng '02, Nov. 8-9, 2002, Copyright 2002, ACM 1-58113-594-7/02/0011, pages 74-81.	
		CHIEN et al., "Efficient schemes for managing multiversionXML documents", VLDB Journal (2002), pages 332-353.	
		CHIEN et al., "Efficient Management of Multiversion Documents by Object Referencing," Proceedings of the 27th VLDB Conference, 2001, pages 291-300.	
		CHIEN et al., "Storing and Querying Multiversion XML Documents Using Durable Node Numbers," IEEE 2002, pages 232-241.	
		DYCK, T., "XML Spy Tops as XML Editor," http://www.eweek.com/article2/0,3959,724041,00.asp , Nov. 25, 2002, 2 pages.	
		"Netscape window" NETSCAPE SCREENSHOT, 2 October 2002 (2002-10-02)	
		JAN-HENRICK HAUKELAND: "Tsbiff - tildeslash biff -- version 1.2.1" INTERNET DOCUMENT, [Online] June 1999, URL: http://web.archive.org/web/19990912001527/http://www.tildeslash.com/tsbiff/	
td		SARA WILLIAMS and CHARLIE KINDEL, "The Component Object Model: A Technical Overview," October 1994, Microsoft Corp., pp. 1-14.	

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		Attorney Docket Number	MS1-1698US

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EA		W. BROGDEN, "Arbortext Adept 8 Editor Review," O'Reilly XML.COM, 'Online! 9/22/1999' XP002230080, retrieved from the Internet <URL:http://www.xml.com/pub/a/1999/09/adept/AdeptRvw.htm>, retrieved on 2/5/03.	
		L ALSCHULER, "A tour of XMeta!" O'Reilly XML.COM, 'Online! 7/14/1999, XP002230081, retrieved from the Internet: <URL:http://www.xml.com/pub/a/SeyboldReport/ip031102.html>, retrieved on 2/5/03.	
		A. DAVIDOW, "XML Editors: Allegations of Functionality in search of reality," INTERNET, 'Online! 1999, XP002230082, retrieved from the Internet, <URL:http://www.ivrytype.com/xml/>.	
		STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages.	
		PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638.	
		HIROTAKE KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents", 1998 IEEE, pages 991-996.	
		TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132.	
		SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the Internet: <URL:http://www.ice.mtu.edu/online_docs/xfig332/> [retrieved on 2003-01-28]	
		"Architecture for a Dynamic Information Area Control", IBM Technical Disclosure Bulletin, IBM Corp. New York, US, Vol. 37, No. 10, 1/10/1994, pp. 245-246.	
		IRENE AU & SHUANG LI, "Netscape Communicator's Collapsible Toolbars," CHI '98, Human Factors in Computing Systems, Conference Proceedings, Los Angeles, CA, 4/18-23/1998, pp. 81-86.	
HL		NETSCAPE COMMUNICATION CORPORATION: "Netscape Communicator 4.61 for OS/2 Warp" Software, 1999, The whole software release & "Netscape - Version 4.61 [en] - 010615" NETSCAPE SCREENSHOT, 2 October 2002 (2002-10-02)	

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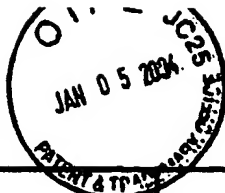
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fd		RICHARD SCOTT HALL, "Agent-based Software Configuration and Deployment," Thesis of the University of Colorado, Online, 31 December 1999, retrieved from the Internet on 11/7/2003: < http://www.cs.colorado.edu/users/rickhall/documents/ThesisFinal.pdf >, 169 pages.	
		ARTHUR VAN HOFF et al., "The Open Software Description Format," Online, 13 August 1997, retrieved from the Internet on 11/7/2003: < http://www.w3.org/TR/NOTE-OSD >, 11 pages.	
		NETSCAPE COMMUNICATIONS CORP., "SmartUpdate Developer's Guide," Online, 11 March 1999, retrieved from the Internet on 12/08/2000: < http://developer.netscape.com:80/docs/manuals/communicator/jarman/index.htm >, 83 pages.	
		LINNEA DAYTON and JACK DAVIS, "Photo Shop 5/5.5 WOW! Book," 2000, Peachpit Press, pp. 8-17.	

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TD		SANG-KYUN KIM, et al., "Immediate and Partial Validation Mechanism for the Conflict Resolution of Update Operations in XML Databases," X. Meng, et al. (Eds.): WAIM 2002, LNCS 2419, pp. 387-396, 2002, copyright Springer-Verlag Berlin Heidelberg 2002.	
TD		TYNG-RUEY CHUANG, "Generic Validation of Structural Content with Parametric Modules," ICFP '01, September 3-5, 2001, Florence, Italy, Copyright 2001 ACM 1-58113-415-0/01/0009, pp. 98-109.	
TD		YA BING CHEN, et al., "Designing Valid XML Views," S. Spaccapietra, et al. (Eds.): ER 2002, LNCS 2503, pp. 463-477, 2002, copyright Springer-Verlag Berlin Heidelberg 2002.	
TD		YI CHEN, et al., "XKvalidator: A Constraint Validator For XML," CIKM '02, November 4-9, 2002, McLean, Virginia, USA, copyright 2002 ACM 1-58113-492-4/02/0011, pp. 446-452.	
TD		BORIS ROGGE, et al., "Validating MPEG-21 Encapsulated Functional Metadata," Multimedia Lab, Dept. of Electronics and Information Systems, Ghent University, C2002 IEEE, pp. 209-212.	
TD		MARK NELSON, "Validation with MSXML and XML Schema," windows developer magazine, January 2002, pp. 35-38.	

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